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### **Board of Public Education 2005 Iowa Test Results November 3, 2005**

In 2005, as in 2001 - 2004, Montana students demonstrated high achievement on the Iowa Tests. Science continues to be the subject in which students in all grades and most subgroups score highest. Grades four and eleven scores continue to be slightly higher than grade eight scores. In addition, the results are relatively stable for the five year testing period across the state and within subgroups. The number and range of increases and decreases in the National Percentile Rank (NPR) for grades, subjects, and subgroups are small as are the increases and decreases in differences between subgroups.

This introduction is intended to give a preview of the results, a broad view of the student groups in Montana, and a comparison of the test results for 2001 - 2005. It is recognized that different students participated in the testing each year.

#### **2005 National Percentile Rank (NPR) Snapshots**

- Montana students in grade 4 scored 69% or above in all subjects. The highest score, 71% was in Mathematics and Science; the lowest score, 69%, was in Language Arts.
- Montana students in grade 8 scored 58% or above in all subjects. The highest score, 64%, was in Science; the lowest score, 58% was in Language Arts.
- Montana students in grade 11 scored 60% or above in all subjects. The highest score, 69%, was in Science; the lowest score, 60%, was in Language Arts.
- The NPR for Mathematics showed the most increases including five points in grade 4 and one point in grade 8.
- Subgroups in Grade 4
  - The NPR scores of students with disabilities increased in three content areas: Reading, Mathematics, and Social Studies. The scores remained the same as in 2004 for Science where students with disabilities averaged an NPR of 55% indicating they averaged as well as or better than 55% of all the students in the national norm group.
  - The NPR scores of American Indian students increased in three content areas: Reading, Mathematics, and Social Studies. They averaged NPRs of 49% or above in those subjects indicating they scored as well as or better than 49% - 52% of all the students in the national norm group. In the four content areas of Language Arts, Mathematics, Social Studies, and Sciences, American Indian students averaged 51% - 52%.

- The NPR scores of students participating in Free/Reduced lunch programs increased in three content areas: Reading, Mathematics, and Science. In all subjects, students participating in Free/Reduced lunch programs averaged NPRs above 58% indicating they scored as well as or better than 59%-62% of all the students in the national norm group.

**Table 1**

- National Percentile Rank Changes from 2001 - 2005: Iowa Test Results Disaggregations
- Shows scores increases and decreases for each grade, subject, and disaggregation. The information for differences between 2004 and 2005 is color-coded:
  - Orange = Score increase of 3 or more percentage points
  - Yellow = Score increase ☺
  - No Color = No Change
  - Blue = Score Decrease ☹
  - Purple = Score decrease of 3 or more percentage points

**Table 1: National Percentile Rank Changes from 2001-2005 Iowa Test Results Disaggregations**

	Read	LA	Math	Soc. St.	Sci.	Read	LA	Math	Soc. St.	Sci.	Read	LA	Math	Soc. St.	Sci.
Grade	4	4	4	4	4	8	8	8	8	8	11	11	11	11	11
All Students 01	66%	68%	62%	67%	71%	60%	57%	57%	62%	64%	66%	62%	61%	66%	70%
All Students 02	66%	67%	62%	68%	69%	60%	57%	58%	60%	64%	67%	62%	61%	67%	71%
All Students 03	67%	68%	64%	69%	70%	59%	57%	59%	59%	64%	67%	61%	62%	66%	70%
All Students 04	68%	70%	66%	70%	71%	60%	58%	60%	60%	65%	67%	61%	62%	65%	71%
All Students 05	70%	69%	71%	70%	71%	60%	58%	61%	59%	64%	66%	60%	62%	63%	69%
Without Disabilities 01	69%	71%	66%	70%	72%	64%	60%	60%	65%	67%	69%	64%	64%	69%	72%
Without Disabilities 02	69%	70%	65%	71%	71%	64%	61%	62%	63%	68%	70%	65%	64%	69%	73%
Without Disabilities 03	70%	71%	67%	71%	72%	63%	61%	63%	62%	67%	70%	64%	65%	69%	73%
Without Disabilities 04	72%	72%	69%	72%	73%	64%	62%	64%	63%	68%	71%	65%	65%	68%	73%
Without Disabilities 05	73%	72%	74%	72%	73%	64%	62%	64%	63%	68%	70%	63%	65%	67%	72%
With Disabilities 01	32%	33%	31%	41%	50%	25%	26%	25%	26%	36%	26%	27%	26%	32%	32%
With Disabilities 02	32%	31%	31%	42%	46%	25%	22%	23%	32%	34%	28%	28%	26%	32%	34%
With Disabilities 03	34%	35%	35%	46%	51%	25%	22%	24%	32%	35%	29%	28%	28%	32%	34%
With Disabilities 04	38%	39%	40%	48%	55%	28%	25%	27%	35%	37%	29%	27%	26%	32%	34%
With Disabilities 05	39%	38%	46%	49%	55%	26%	23%	28%	33%	34%	27%	25%	25%	29%	31%
Female 01	67%	72%	60%	66%	70%	60%	62%	58%	62%	65%	68%	69%	60%	69%	72%
Female 02	67%	71%	61%	67%	68%	62%	64%	59%	60%	66%	69%	69%	61%	69%	73%
Female 03	68%	72%	63%	69%	70%	57%	64%	60%	59%	66%	70%	69%	62%	69%	73%
Female 04	69%	73%	65%	69%	70%	61%	64%	60%	59%	66%	69%	68%	61%	67%	72%
Female 05	70%	73%	70%	69%	70%	62%	64%	62%	60%	66%	69%	67%	62%	67%	71%
Male 01	66%	64%	62%	70%	72%	60%	52%	57%	63%	63%	64%	55%	62%	64%	67%
Male 02	65%	63%	63%	69%	70%	59%	50%	57%	59%	63%	65%	55%	62%	65%	68%
Male 03	66%	63%	64%	70%	70%	62%	49%	58%	58%	62%	65%	54%	63%	63%	68%
Male 04	68%	66%	67%	71%	72%	59%	52%	60%	60%	64%	66%	55%	63%	62%	69%
Male 05	69%	65%	72%	71%	72%	58%	51%	60%	59%	62%	64%	53%	62%	60%	67%
American Indian 01	44%	49%	40%	48%	50%	36%	41%	33%	35%	42%	41%	42%	41%	46%	51%
American Indian 02	44%	48%	40%	48%	49%	35%	35%	32%	39%	41%	41%	43%	39%	46%	48%
American Indian 03	44%	46%	41%	47%	48%	37%	38%	36%	41%	43%	40%	42%	40%	44%	46%
American Indian 04	48%	53%	46%	50%	52%	38%	39%	37%	41%	43%	40%	42%	39%	43%	47%
American Indian 05	49%	51%	52%	51%	51%	37%	39%	38%	40%	43%	38%	38%	39%	41%	43%
White 01	69%	70%	66%	71%	73%	64%	59%	60%	65%	67%	69%	63%	63%	68%	71%
White 02	69%	70%	65%	71%	72%	64%	60%	62%	63%	68%	70%	64%	63%	69%	72%
White 03	70%	70%	67%	72%	73%	63%	60%	63%	62%	67%	70%	64%	65%	68%	73%
White 04	71%	72%	69%	72%	74%	63%	60%	63%	63%	68%	70%	64%	64%	67%	73%
White 05	73%	71%	74%	73%	74%	63%	61%	64%	63%	67%	70%	62%	64%	66%	71%

	Read	LA	Math	Soc. St.	Sci.	Read	LA	Math	Soc. St.	Sci.	Read	LA	Math	Soc. St.	Sci.
Grade	4	4	4	4	4	8	8	8	8	8	11	11	11	11	11
Free/Reduced Lunch 01	54%	57%	51%	57%	59%	47%	48%	45%	47%	53%	51%	49%	49%	54%	58%
Free/Reduced Lunch 02	53%	55%	50%	57%	58%	47%	44%	45%	48%	53%	52%	49%	48%	54%	58%
Free/Reduced Lunch 03	54%	56%	53%	58%	60%	46%	44%	45%	47%	52%	53%	50%	61%	54%	59%
Free/Reduced Lunch 04	57%	59%	55%	60%	61%	48%	46%	48%	49%	55%	53%	49%	48%	52%	58%
Free/Reduced Lunch 05	59%	59%	62%	60%	62%	47%	46%	48%	48%	53%	51%	48%	49%	51%	56%
Limited English Prof 02*	27%	35%	29%	32%	35%	22%	27%	24%	30%	32%	32%	36%	34%	38%	40%
Limited English Prof 03*	27%	31%	29%	30%	33%	21%	25%	21%	29%	29%	30%	35%	36%	38%	41%
Limited English Prof 04*	32%	39%	37%	35%	41%	24%	29%	26%	32%	30%	28%	34%	32%	34%	37%
Limited English Prof 05*	31%	36%	37%	33%	35%	22%	27%	25%	27%	30%	27%	30%	34%	33%	35%

\*2001 Limited English Proficiency data are incomplete.